Overview

This 4 year dual program leads to the award of a Bachelor of Commerce/Bachelor of Information Systems (BCom/BIS) and will meet the needs of students who want a strong, focused and highly regarded business degree combined with an Information Systems degree. Organisations value business savvy IS graduates who understand the business and technical issues which surround and impact their information systems. As part of the degree program students will complete a major stream in both Information Systems (IS) and an approved disciplinary stream within the UNSW Business School.

In selecting their combination of majors, students should note that while there is a wide range of choice, not every combination may be able to be completed in 4 years of full-time study. Students are also not able to take a modern language as their major.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>UNSW Business School</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Campus</strong></td>
<td>Kensington</td>
</tr>
<tr>
<td><strong>Study Level</strong></td>
<td>Undergraduate</td>
</tr>
<tr>
<td><strong>Typical duration</strong></td>
<td>4 Years</td>
</tr>
<tr>
<td><strong>Intake Period</strong></td>
<td>Term 1, Term 2, Term 3</td>
</tr>
<tr>
<td><strong>Academic Calendar</strong></td>
<td>3+ Calendar</td>
</tr>
<tr>
<td><strong>Minimum Units of Credit</strong></td>
<td>192</td>
</tr>
</tbody>
</table>
| **Award(s)** | Bachelor of Commerce - BCom  
             | Bachelor of Information Systems - BIS |
| **UAC Code** | 424100               |
| **CRICOS Code** | 068783B             |
Learning Outcomes

3502 - Commerce

1. Business knowledge: Students will make informed and effective selection and application of knowledge in a discipline or profession, in the contexts of local and global business.

   Leaders  Professionals  Scholars  Global Citizens

2. Problem solving: Students will define and address business problems, and propose effective evidence-based solutions, through the application of rigorous analysis and critical thinking.

   Professionals  Scholars  Global Citizens  Leaders

3. Business communication: Students will harness, manage and communicate business information effectively using multiple forms of communication across different channels.

   Scholars  Global Citizens  Professionals  Leaders

4. Teamwork: Students will interact and collaborate effectively with others to achieve a common business purpose or fulfil a common business project, and reflect critically on the process and the outcomes.

   Global Citizens  Leaders  Scholars

5. Responsible business practice: Students will develop and be committed to responsible business thinking and approaches, which are underpinned by ethical professional practice and sustainability considerations.

   Global Citizens  Professionals

6. Global and cultural competence: Students will be aware of business systems in the wider world and actively committed to recognise and respect the cultural norms, beliefs and values of others, and will apply this knowledge to interact, communicate and work effectively in diverse environments.

   Global Citizens  Leaders

7. Leadership development: Students will develop the capacity to take initiative, encourage forward thinking and bring about innovation, while effectively influencing others to achieve desired results.

   Leaders  Scholars

3979 - Information Systems

1. Business knowledge: Students will make informed and effective selection and
application of knowledge in a discipline or profession, in the contexts of local and global business.

2. Problem solving: Students will define and address business problems, and propose effective evidence-based solutions, through the application of rigorous analysis and critical thinking.

3. Business communication: Students will harness, manage and communicate business information effectively using multiple forms of communication across different channels.

4. Teamwork: Students will interact and collaborate effectively with others to achieve a common business purpose or fulfil a common business project, and reflect critically on the process and the outcomes.

5. Responsible business practice: Students will develop and be committed to responsible business thinking and approaches, which are underpinned by ethical professional practice and sustainability considerations.

6. Global and cultural competence: Students will be aware of business systems in the wider world and actively committed to recognise and respect the cultural norms, beliefs and values of others, and will apply this knowledge to interact, communicate and work effectively in diverse environments.

7. Leadership development: Students will develop the capacity to take initiative, encourage forward thinking and bring about innovation, while effectively influencing others to achieve desired results.

Graduate Capabilities:

For more information on Graduate Capabilities, please click on this link.
Stand Alone Programs

Click on the link below to find out more about each individual program.

Program 3502
Commerce

Program 3979
Information Systems
Double Degree Structure

Students must complete 192 UOC.

Bachelor of Commerce/Information Systems degree normally consists of 192UOC.

These UOC are made up of:

1. Compulsory Commerce Core Courses (24 UOC) (Please note: Students have the option to complete ECON1203 or MATH1041)
2. Flexible core course (18 UOC) (Please note: INFS1602 will be completed under the Information Systems Core Courses therefore students must choose 3 flexible core courses)
3. Information Systems Core Courses (72 UOC)
4. Commerce Major (42 UOC) (Please note: For the majority of majors, students will complete 42 UOC as 6 UOC will be completed under the core or flexible core courses, except for students completing Accounting or Real Estate Studies majors)
5. Business School Elective (24 UOC) (Please note: This will depend on the chosen major)
6. General Education (12 UOC)

Business Majors

3502 - Commerce

Major Requirements: 48 UOC in an approved disciplinary stream containing at least 18 UOC at level 3. (Note that the 48 UOC includes the first disciplinary course(s) in the Core (Compulsory or Flexible). This means that, for the majority of majors, students will complete 42 UOC in specified disciplinary courses outside the core, (except for the Real Estate Studies major.)

Please Note:
- The Business Law major (TABLA1) is not available to students enrolled in 4733 Commerce/Law.
- Commerce/Education (secondary) 3462 students can only choose one major from:
  (a) Business Economics
  (b) Financial Economics
  (c) Business Strategy and Economic Management

MAJOR:

ACCTA1 | 48 UOC
<table>
<thead>
<tr>
<th>Course</th>
<th>UOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td></td>
</tr>
<tr>
<td>COMMF1</td>
<td>48</td>
</tr>
<tr>
<td>Real Estate Studies</td>
<td></td>
</tr>
<tr>
<td>COMMJ1</td>
<td>48</td>
</tr>
<tr>
<td>Business Analytics</td>
<td></td>
</tr>
<tr>
<td>ECONF1</td>
<td>48</td>
</tr>
<tr>
<td>Business Economics</td>
<td></td>
</tr>
<tr>
<td>ECONI1</td>
<td>48</td>
</tr>
<tr>
<td>Business Strategy &amp; Econ Mgmt</td>
<td></td>
</tr>
<tr>
<td>ECONJ1</td>
<td>60</td>
</tr>
<tr>
<td>Financial Economics</td>
<td></td>
</tr>
<tr>
<td>FINSA1</td>
<td>48</td>
</tr>
<tr>
<td>Finance</td>
<td></td>
</tr>
<tr>
<td>FINSR1</td>
<td>48</td>
</tr>
<tr>
<td>Financial Technology</td>
<td></td>
</tr>
<tr>
<td>IBUSA1</td>
<td>48</td>
</tr>
<tr>
<td>International Business</td>
<td></td>
</tr>
<tr>
<td>INFSA1</td>
<td>48</td>
</tr>
<tr>
<td>Information Systems</td>
<td></td>
</tr>
<tr>
<td>MARKA1</td>
<td>48</td>
</tr>
<tr>
<td>Marketing</td>
<td></td>
</tr>
<tr>
<td>MGMTA1</td>
<td>48</td>
</tr>
<tr>
<td>Management</td>
<td></td>
</tr>
</tbody>
</table>
Students must complete at least 24 and no more than 30 of the specialisations below.

**MINOR:**

**ACCTA2** | 30 UOC  
Accounting

**COMMF2** | 30 UOC  
Real Estate Studies

**ECONF2** | 30 UOC  
Business Economics

**FINSA2** | 30 UOC  
Finance

**FINSR2** | 30 UOC  
Financial Technology
Information Systems

MARKA2 | 30 UOC
Marketing

MGMTA2 | 30 UOC
Management

MGMTH2 | 30 UOC
Human Resource Management

TABLA2 | 30 UOC
Business Law

**Business Core Courses**

3502 - Commerce

Students must take 24 UOC of the following courses

ECON1203 is not required for:
- Commerce/Information systems students have the option to take ECON1203 or MATH1041
- Actuarial/Commerce student take MATH1151 and MATH1251 in place of ECON1203
- Commerce/Economics student ECON1203 is completed part of the Economics Major requirements.

ACCT1501 | 6 UOC
Accounting and Financial Management 1A

ECON1101 | 6 UOC
Microeconomics 1

ECON1203 | 6 UOC
Business and Economic Statistics

MGMT1001 | 6 UOC
Managing Organisations and People
**Business Core Courses**

3979 - Information Systems

Students must complete 24 UOC of the following courses.

Please note: For students in the Actuarial Studies/Information Systems or Commerce/Information Systems dual degrees; the Business core courses will be covered as part of the Actuarial Studies or Commerce component.

Students in Commerce/Information Systems have the option to complete either ECON1203 or MATH1041 for their Business Core Course requirement but should not complete both.

Students in the Actuarial Studies/Information Systems must complete MATH1251 within the Actuarial Studies component which will fulfil the ECON1203/MATH1041 Core Course requirement.

**ACCT1501 | 6 UOC**  
Accounting and Financial Management 1A

**ECON1101 | 6 UOC**  
Microeconomics 1

**MGMT1001 | 6 UOC**  
Managing Organisations and People

One of the following:

**ECON1203 | 6 UOC**  
Business and Economic Statistics

**MATH1041 | 6 UOC**  
Statistics for Life and Social Sciences

---

**Information Systems core courses**

3979 - Information Systems

Students must take 72 UOC of the following courses.

**INFS1602 | 6 UOC**  
Digital Transformation in Business
<table>
<thead>
<tr>
<th>Course Code</th>
<th>UOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFS1603</td>
<td>6</td>
</tr>
<tr>
<td>Introduction to Business Databases</td>
<td></td>
</tr>
<tr>
<td>INFS1609</td>
<td>6</td>
</tr>
<tr>
<td>Fundamentals of Business Programming</td>
<td></td>
</tr>
<tr>
<td>INFS2603</td>
<td>6</td>
</tr>
<tr>
<td>Business Analysis</td>
<td></td>
</tr>
<tr>
<td>INFS2605</td>
<td>6</td>
</tr>
<tr>
<td>Intermediate Business Programming</td>
<td></td>
</tr>
<tr>
<td>INFS2608</td>
<td>6</td>
</tr>
<tr>
<td>Database Management &amp; Big Data Infrastructures</td>
<td></td>
</tr>
<tr>
<td>INFS2621</td>
<td>6</td>
</tr>
<tr>
<td>Enterprise Systems</td>
<td></td>
</tr>
<tr>
<td>INFS3603</td>
<td>6</td>
</tr>
<tr>
<td>Introduction to Business Analytics</td>
<td></td>
</tr>
<tr>
<td>INFS3604</td>
<td>6</td>
</tr>
<tr>
<td>Business Process Management</td>
<td></td>
</tr>
<tr>
<td>INFS3605</td>
<td>6</td>
</tr>
<tr>
<td>Information Systems Innovation &amp; Transformation</td>
<td></td>
</tr>
<tr>
<td>INFS3617</td>
<td>6</td>
</tr>
<tr>
<td>Networking &amp; Cyber Security</td>
<td></td>
</tr>
<tr>
<td>INFS3634</td>
<td>6</td>
</tr>
<tr>
<td>Mobile Applications Development</td>
<td></td>
</tr>
</tbody>
</table>

**Flexible Core Courses**

3502 - Commerce
Students must take at least 24 UOC of the following courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>UOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT1511</td>
<td>6</td>
</tr>
<tr>
<td>COMM1000</td>
<td>6</td>
</tr>
<tr>
<td>COMM1822</td>
<td>6</td>
</tr>
<tr>
<td>ECON1102</td>
<td>6</td>
</tr>
<tr>
<td>FINS1613</td>
<td>6</td>
</tr>
<tr>
<td>INFS1602</td>
<td>6</td>
</tr>
<tr>
<td>MARK1012</td>
<td>6</td>
</tr>
<tr>
<td>MGMT1101</td>
<td>6</td>
</tr>
<tr>
<td>TABL1710</td>
<td>6</td>
</tr>
</tbody>
</table>

**Business School electives**

3502 - Commerce

UOC remaining after completion of the Compulsory core, Flexible core and Major requirements for the following double degree should be taken from within the UNSW Business School to ensure minimum program requirements are met.

- Commerce/Information Systems 3584 (24-30UOC in UNSW Business School courses to ensure a student completes a minimum of 96UOC of Business courses
within the Bachelor of Commerce. The exact number of courses to complete will depend on the major chosen.
- Actuarial studies/Commerce 3155 (42-48UOC These courses must be taken from Actuarial Studies or from the UNSW Business School. These UOC can also be made up of additional Actuarial Studies or Business School courses, or as part of a minor or major approved for the Bachelor of Actuarial Studies or Bachelor of Commerce. Note that, for some majors, additional study of courses above the minimum stipulated for the dual degree program may be required.
- Commerce/Economics 3521 (to ensure a minimum of 84 UOC of Economics courses are completed for the Economics component and a minimum of 96 UOC of UNSW Business School courses are required for the Commerce component. GEN courses cannot count as Business School electives.)

any course offered by UNSW Business School

General Education

3502 - Commerce

Students must take at least 6 UOC of the following courses.

any General Education course

General Education

3979 - Information Systems

Students must take at least 6 UOC of any General Education course. 12 UOC of General Education must be completed overall in the program.

Please note: Students enrolled in programs within the UNSW Business School cannot take General Education courses offered by the UNSW Business School (i.e. GENC code). These restrictions also apply to the following courses:

GENL2021 An Introduction to the Australian Legal System
GENL2032 Cyberspace Law 2.0

any General Education course

Maximum Level 1 UOC

3502 - Commerce

Students may complete up to a maximum of 72 UOC of the following courses in the
overall double degree, excluding Level 1 courses completed as part of the General Education requirement in double degree.

any level 1 course

**Minimum Faculty UOC**

3502 - Commerce

Students must complete a minimum of 96 UOC of the following courses.

any course offered by UNSW Business School

**Minimum Information Systems and Business UOC**

3979 - Information Systems

Students must complete 90 UOC of Business Courses for the Information Systems component of the double degree.

Students in Actuarial Studies/Information Systems will complete 18 UOC of Business School electives overall. Students in Commerce/Information Systems will complete 18-30 UOC of Business School electives (depend on Commerce major) overall. Students completing Commerce/Information Systems or Actuarial Studies/Information Systems dual degrees must complete, at minimum 180 UOC from the Faculty of Business with another 12 UOC to be completed as General Education for a total of 192 UOC for degree award.

any course offered by UNSW Business School

any course offered by School of Information Systems and Technology Management

**Maximum Level 1 UOC Requirement**

3979 - Information Systems

No more than 72 UOC (not including 12 UOC of General Education courses) in Level 1 courses will be counted towards the degree overall.

any level 1 course offered by UNSW Business School

**LEVEL 2 AND 3 MATURITY REQUIREMENTS**
Student must have completed 24 UOC before taking any level 2 courses.
Student must have completed 48 UOC before taking any level 3 courses.

**Level 2 and 3 Maturity Requirements**

3979 - Information Systems

Students must have completed 24 UOC before taking any Level 2 courses.
Students must have completed 48 UOC before taking any Level 3 courses.

**SAS Certification Requirements**

3979 - Information Systems

Students who have successfully completed these five courses at UNSW are eligible for receiving a joint certification issued by SAS and UNSW as a Business Analyst. For SAS JCP, INFS3603, INFS3830, and INFS3873 need to be completed at UNSW (Course substitutes and cross-institutional studies are not eligible for SAS JCP).

- INFS1603 Introduction to Business Databases (6 UOC)
- INFS2608 Database Management & Big Data Infrastructures (6 UOC)
- INFS3603 Introduction to Business Analytics (6 UOC)
- INFS3830 Social Media and Analytics (6 UOC)
- INFS3873 Business Analytics Methods (6 UOC)

Please read the Double Degree Program rules as some specific rules apply to particular Double Degree combinations.

**Enrolment Disclaimer**

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program requirements.
Program Fees

At UNSW fees are generally charged at course level and therefore dependent upon individual enrolment and other factors such as student's residency status. For generic information on fees and additional expenses of UNSW programs, click on one of the following:

Domestic Students
Commonwealth Supported Students
International Students
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)
© UNSW Sydney (CRICOS Provider No.: 00098G), 2019. The information contained in this Handbook is indicative only. While every effort is made to keep this information up-to-date, the University reserves the right to discontinue or vary arrangements, programs and courses at any time without notice and at its discretion. While the University will try to avoid or minimise any inconvenience, changes may also be made to programs, courses and staff after enrolment. The University may also set limits on the number of students in a course.

Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179